Lec06 Exercises

A few exercises from lecture 06 on 9/12/22 that all deal with describing standard playing cards.

Content Covered
Expressions, Statements, Variables, Functions, and Selection Statements in Python

Exercise 1

Define a function named `color` which takes a single string as an argument, corresponding to the suit of a card. The function should return the color of the card as a string.

You can assume the suit passed to the function will be "Clubs", "Spades", "Hearts", or "Diamonds".

For example: `color("Clubs")` must return `"black"`.

Exercise 2

Define a function named `name` which accepts the numeric value of a card, and returns the name of the card as a string. If the card does not have a special name, it should return the value of the card as a string.

You can assume the argument will be an integer in the range [1,13].

For example: `name(12)` must return `"Queen"` and `name(9)` must return `"9"`.

Hint: To turn an integer into a string, you may find the built-in function [str](#) helpful.

Exercise 3

Define a function named `description` which accepts two arguments, the first is the numeric value of the card, and the second is a string for the suit of the card. It returns a string describing the card.

For example: `description(12, "Clubs")` must return:
```
            "The Queen of Clubs is black".
```